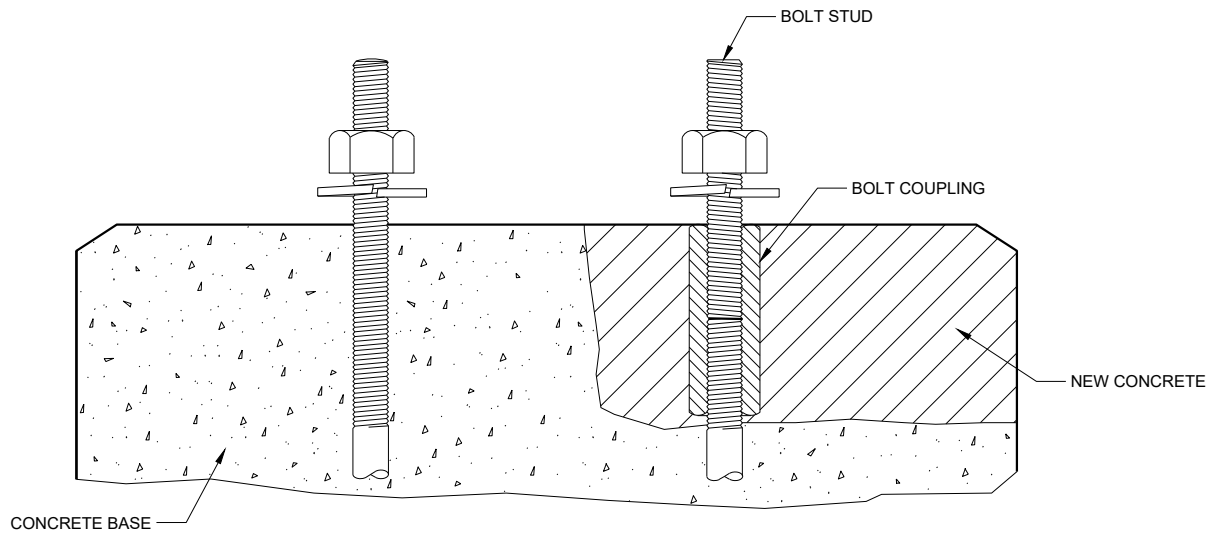


SDD 09C04 Concrete Base Bolt Repair



**STEP 2
SECTION VIEW**

ALL THREADING SHALL BE STANDARD
UNIFIED NATIONAL COARSE SERIES WITH-

- 1" - 8 THREADS PER INCH
- 3/4" - 10 THREADS PER INCH
- 5/8" - 11 THREADS PER INCH

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 501 OF THE STANDARD SPECIFICATIONS.

BOLT COUPLINGS AND BOLT STUDS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS FOR ANCHOR RODS IN SUBSECTION 654.2.1 FOR GRADE 105 ANCHOR BOLTS AND 531.2.2 FOR GRADE 55 ANCHOR BOLTS IN THE STANDARD SPECIFICATIONS.

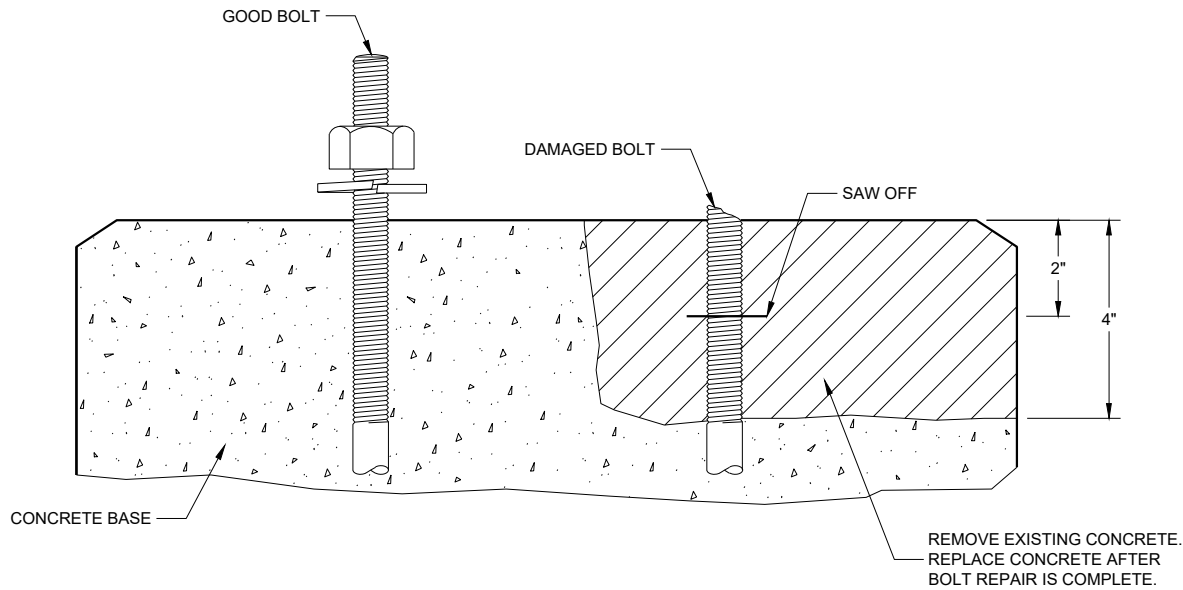
BOLT STUDS SHALL BE THREADED ALONG THEIR ENTIRE LENGTH.

THREADS ON BOLTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE COATINGS TO PERMIT NUTS TO RUN FREELY ON THE THREADS.

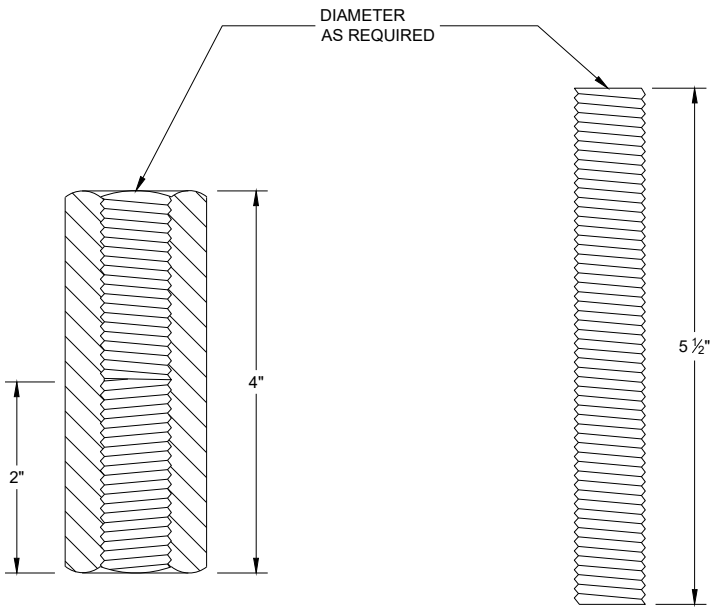
A FORM SHALL BE USED WHEN REPLACING THE CONCRETE THAT WAS REMOVED FOR BOLT REPAIR.

THE CURVATURE OF THE FORM SHALL CONFORM TO THE BASE DIAMETER AND BE LARGE ENOUGH TO COMPLETELY COVER THE OPENING IN THE SIDE OF THE CONCRETE BASE.

IN THE EVENT THAT A REINFORCING ROD IS SO CLOSE TO A BOLT BEING REPAIRED THAT THE COUPLING CANNOT BE INSTALLED, CUT OFF THE REINFORCING ROD.



**STEP 1
SECTION VIEW**



**SECTION VIEW
BOLT COUPLING**

BOLT STUD

CONCRETE BASE BOLT REPAIR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014 /S/ Ahmet Demerbilek
DATE STATE ELECTRICAL ENGINEER

FHWA

*Concrete Base Bolt Repair***References:**

NONE

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
NONE		

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

NONE

Design Notes:

NONE

Contact Person:

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